

**Amendment to Claims**

Claims 1-9. (canceled)

Claim 10. (original) A catalyst for carbon nanotubes and nanofibers, which has an average particle size of 500um or below and in which transition metal oxide and copper oxide are sintered.

Claim 11. (original) A catalyst for carbon nanotubes and nanofibers, which has an average particle size of 500, um or below and in which transition metal oxide and a support material selected from a group consisting of silica, alumina and magnesia are sintered.

Claim 12. (previously presented) The catalyst according to claim 10, wherein the transition metal includes one or more selected from a group consisting of nickel (Ni), cobalt (Co), iron (Fe), molybdenum (Mo), and chrome (Cr).

Claim 13. (previously added) The catalyst according to claim 11, wherein the transition metal includes one or more selected from a group consisting of nickel (Ni), cobalt (Co), iron (Fe), molybdenum (Mo), and chrome (Cr).